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NICOTINAMIDE

CHEMICAL CHARACTERISTICS

CAS N°:	98-92-0
EINECS N°:	202-713-4
Molecular formula:	C ₆ H ₆ N ₂ O
Molecular weight (g/mol):	122.13
Appearance of 5% solution:	Not more intensely coloured than reference solution BY7
Melting Point (°C):	128-131
Solubility:	Free soluble in water and in ethanol.

SPECIFICATIONS

Purity:	99.0 – 101.0 %.
Related Substance:	Complied.
pH Value of 5% solution(%):	6.0 – 7.5.
Loss on Drying):	≤ 0.5%.
Residue on Ignition:	≤ 0.1%.
Heavy Metals (As Pb):	≤ 0.002%
Particle size ≥50 micron:	≥90%
Density (g/cm ³):	0.5 – 0.7
Standard USP 39/BP 2016	Complied

PRODUCTION PROCESS

Its production by the method of microorganism fermentation, 100% conversion of 3-cyanopyridine, 0 residual in final product. Using GEA spray-drying equipment to ensure the product's uniform particle distribution, better control of water content and sufficient flowability.

APPLICATION:

Niacinamide is used as a nutrient supplement in Pharmaceutical products. It has been used in the enrichment of bread, flour, and other grain- derived products. Animal feed is routinely supplemented with nicotinamide. It is also used in multi-vitamin preparations and dietary supplement. It is used in the treatment of pellagra.

STORAGE AND SHELF LIFE:

Keep inner bags tightly sealed. Keep away from light and moisture, and store in a cool and dry area.
 Shelf Life: 36 Months

PACKING

25kg carton; 20kg/bag; 500kg/big bag, also can be customized according to customers' requirements.

By more data to contact: sales@dirox.com.uy

